APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Spectrum of Spin Waves
By P'u Fu-ch'o and Meng Hsien-chen pp 7

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 8
1962, pp 2141-2140

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 8

Sci

341, 038

Jun 63

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

gher Approximations in the Theory of Ferromagnetic
esonance, by S. V. Tyablikov, Pu Fu-ch'o, 2 pp.

SSIAN, per, Fiz Tverdogo Tela, Vol III, No 1,
61, pp 142-145.

AIP
Sov Phys-Solid State
Vol III, No 1

i
1 61

161,201

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

An Approximate Method for the Calculation of the Magnetization of an Isotropic Antiferromagnetic material by P'u Fu-ch'o, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 3, 1960, pp 546-548.

AIP
Sov Phys - Doklady
Vol V, No 2

Sci
Nov 60

132, 768

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

(DC-4017)

Our Country's Medical Schools, Under the Socialist System, Perform in an Outstanding Manner, by P'u Fu-chou, 6 pp.

CHINESE, np, Jen-min Jih-pao, 6 Apr 1960, p 18.

JPRS 6825

FE - China

Soc

Mar 61

142,174

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

(NY-5079

SPI-2 Indicator Instrument for Loss of Insulation Resistance in Cables, by A. B. Pugach, I. A. Parikozhka, 4 pp.

RUSSIAN, per, Vestnik Svyazi, No 10, 1958.

JPRS 7015

Sci

Aug 61

161,982

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

State of the Soil Problem in School Geography, by F. I. Pugach, 5 p
RUSSIAN, per, Pochvovedeniye, No 9, 1962, pp 102-106.

ST

Sci

Feb 64

249,298

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

(SF-1290)

How Man Learned to Speak, by G. Pugach, 6 pp.

RUSSIAN, par, Nauka i Religiya, No 11, 1960, pp 19-23.

JPRS 4299

USSR
Soc
Jan 61

137,790

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Mechanical Seed Injuries and Measures for Their Reduction, by A. N. Pugachev, 8 pp.

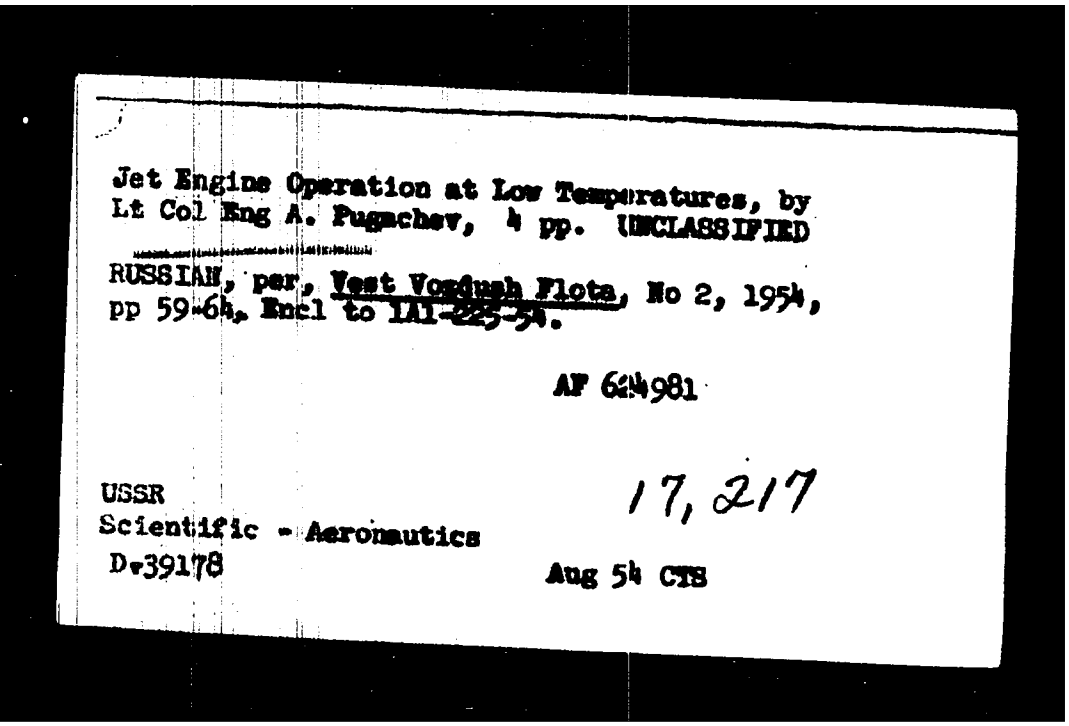
RUSSIAN, rpt.

Dept of Modern Languages
North Carolina State College

Sci
Feb 64

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Jet Engine Operation at Low Temperatures, by Lt Col Eng A. Pugachev, 4 pp. UNCLASSIFIED

RUSSIAN, per, Vest Vozdush Flota, No 2, 1954, pp 59-64, Encl to IAI-225-54.

AF 64981

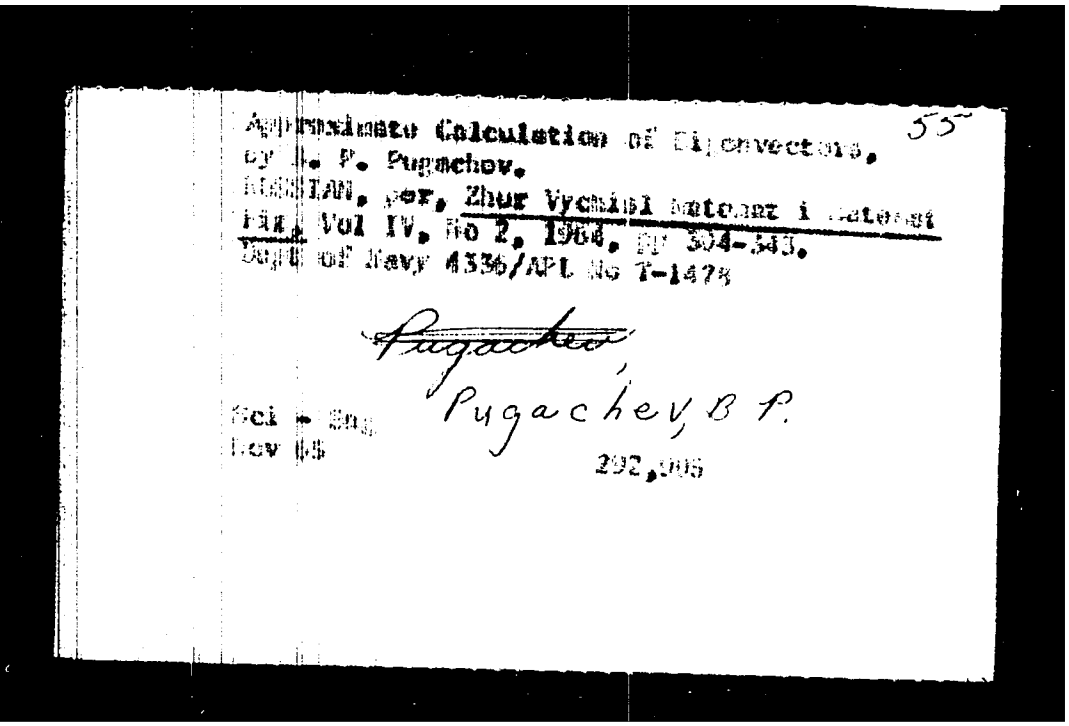
17,217

USSR
Scientific - Aeronautics
D-39178

Aug 54 CIS

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Approximate Calculation of Eigenvectors,
by L. P. Pugachev.
RUSSIAN, per, Zhur Vychisl Matemat i Matemat
Fiz, Vol IV, No 2, 1964, pp 304-343.
Dept of Navy 4336/APL No T-1474

55

Pugachev

Pugachev, B P.

Sci - Eng
Nov 65

292,205

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Use of a Plane Space in Gravitational Field Theory, by IA. I. Pugachev, 11 pp.

RUSSIAN, per, Izvestiia M VUZ, Fizika, No 6, 1959, pp 152-161. 9093048

MDF - P-146
FTD X-4501

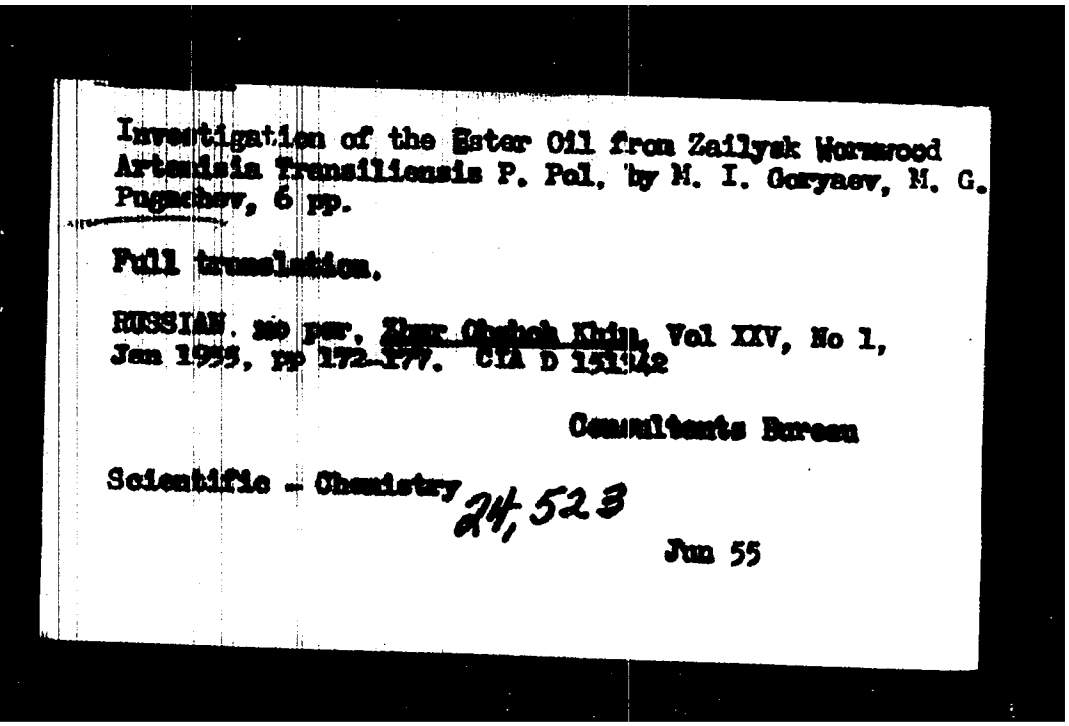
Sci - Electronics

Nov 60

131, 822

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Investigation of the Ester Oil from Zailysk Wormwood Artemisia Transiliensis P. Pol. by M. I. Goryaev, M. G. Pugachev, 6 pp.

Full translation.

RUSSIAN. 3sp pur. Zhur Obshch Khim, Vol XXV, No 1, Jan 1955, pp 172-177. CIA D 151142

Consultants Bureau

Scientific - Chemistry 24,523

Jun 55

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Economic Planning With the Aid of a Unified State Network of Computer Centers, by V. Pugachev, 12 pp. RUSSIAN, per, Voprosy Ekonomiki, No 7, Jul 1964, pp 93-103.
JPRS 27,240

USSR
Econ
Jan 65

271,759

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Red Star Series on Guided Missiles. Part I. Construction and Methods of Application, by V. Pugachev, 9 pp.

RUSSIAN, per, Krasnaya Zvezda, 15 Feb 1955, p 3.

SLA R-3591

Sci

Aug 59

95, 314

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Guided Missiles, by V. Pugachev, V. Marisov, 6 pp.

RUSSIAN, np, Krasnaya Zvezda, No 38, Feb 1955, Encl to IR-265-55. CIA D 208987.

AF 659723

USER
~~Sel. Aeronautics~~
Military

26,831

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Controlling Aircraft on the Glidepath, by V. M. Pugachev, 5 pp.

RUSSIAN, per, Vest Voz Flota, No 11, 1959, pp 30-33.
CIA 654644

ATIC

USSR

Military

Jul 60

120,518

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Pugachev, V. S.
AN EFFECTIVE METHOD OF OBTAINING BAYES' SOLUTION. [1961] [15]p. 4 refs.
Order from SLA $1.60 62-10140

Trans. from mono. Prague Conference on Information Theory, Statistical Decision Functions, and Random Processes (no. 2) [held at] Liblice, 1-6 June 59. Transactions.

DESCRIPTORS: *Statistical processes, *Statistical functions, Probability, Information theory, Mathematical prediction.

A general method of obtaining Bayes' solution in the presence of an arbitrary loss function is given for the case when the observable and evaluated random functions depend on a finite dimensional random vector (Mathematics, TT, v. 7, no. 6) (over)

62-10140

1. Title: Bayes' solution
I. Pugachev, V. S.

1970 5

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Pugachev, V. S.
A METHOD OF DETERMINATION OF THE OPTIMUM SYSTEM FROM THE GENERAL BAYES CRITERION (Metod Opredeleniya Optimul'noi Sistemy po Obshchemu Bliesovu Kriteriyu). [1961] [23]p. (equations omitted) 12 refs. [DSIR LLU] M. 3128.
Order from OTS or SLA $2.60 61-27534

Trans. of Akad[emiya] Nauk SSSR. O[tdelenie] T[ekhnicheskikh] Nauk. Izvest[iya]: Energetika i Avtomatika, 1960, no. 2, p. 83-97. 9099 737

DESCRIPTORS: *Signals, Detection, Reproduction, Noise, Statistical processes, *Probability, *Control systems.

A method is described for determining the optimum system from the general Bayes criterion in the case when the input observed function and the signal being
(Engineering--Electronic, TT, v. 6, no. 10) (over)

61-27534

1. Title: Bayes criterion
I. Pugachev, V. S.
II. DSIR LLU M. 3128

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

(NY-6502)

Application of the Theory of Markoff Processes to the Analysis of the Accuracy of Automatic Systems, by V. S. Pugachev, 15 pp.

RUSSIAN, per, Energet i Avtomat, No 3, 1961, pp 46-57.

JPRS 10262

Sci - Phys

Oct 61

173,680

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Integral Canonical Representation of Random Functions and Their Application in Deriving Optimal Linear Systems, by V. S. Pugachev, 15 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XVIII, No 11, 1957, pp 971-984.

Instru Soc of Amer

Sci

Feb 60

108,707

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Red Star Series on Guided Missiles. PT.
I. Construction and Methods of Application,
by V. Pugachev, B. Marisov, 10pp
RUSSIAN, per, Krasnaya Zvezda, 1955, 15 Feb,
pp 3,
CFSTI TT-64-71260

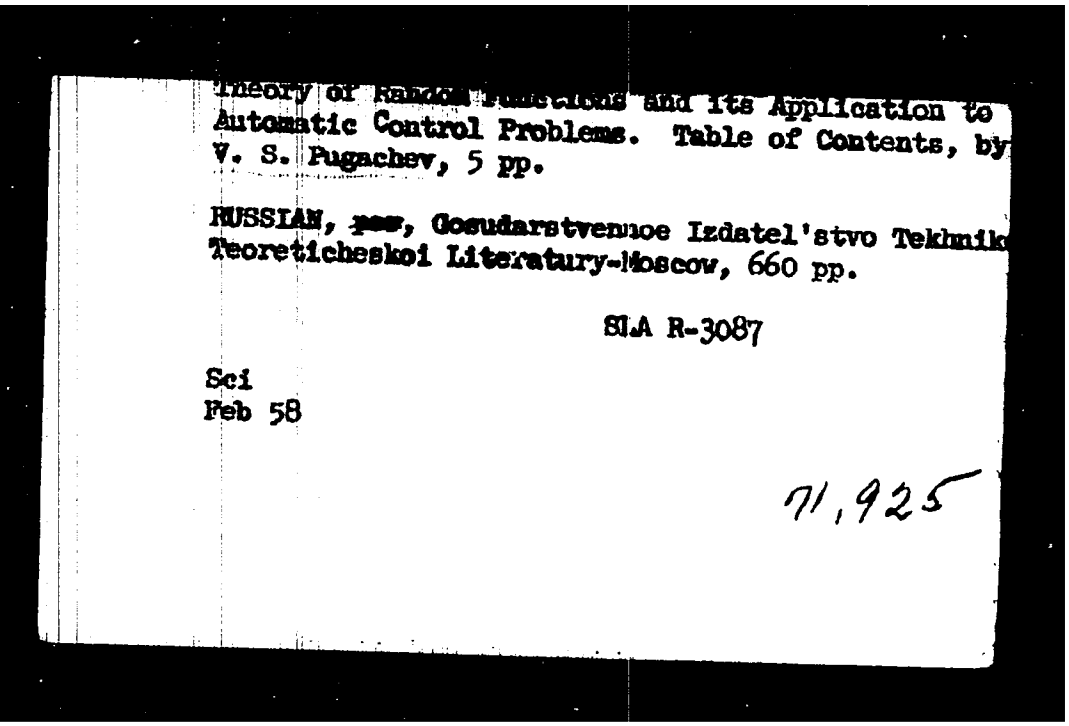
V. Pugachev

323,831

Sci - Engineering
Apr 67

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Theory of Random Functions and its Application to Automatic Control Problems. Table of Contents, by V. S. Pugachev, 5 pp.

RUSSIAN, ~~pap~~, Gosudarstvennoe Izdatel'stvo Tekhniko Teoreticheskoi Literatury-Moscow, 660 pp.

SIA R-3087

Sci
Feb 58

71,925

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Pugachev, V. S.
TOWARD A THEORY OF DETECTION AND EVALUATION OF SIGNALS WHICH DEPEND ON A COUNTABLE SET OF PARAMETERS. [1962] 22p. 6 refs.
Order from OTS or SLA $2.60 62-20232

Trans. of A[kademiya] N[auk] SSSR. O[tdelenie] T[ekhnicheskikh] N[auk]. Izv[estiya]: Energ[etika] i Avto[matika] 1961, no. 5, p. 123-135.

DESCRIPTORS: *Signals, *Detection, *Statistical functions, Theory, Analysis, Probability, Series, Mathematical expectation.

The article presents the theory of joint canonical expansions of two random functions in one and the same system of coordinate functions, and its application to the solution of problems in the detection and evaluation (including selection) of signals which depend on an
(Research Methods--Communication Theory, TT, v. 9, no. 11)
(over)

62-20232

1. Title: Optimizatior
I. Pugachev, V. S.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

The General Condition for the Minimum Mean-Square Error in a Dynamic System, by V. S. Pugachev, 8 pp.

RUSSIAN, biuo per, Avto i Telemekh, Vol XVII, No 4, Apr 1956, pp 289-295.

Consultants Bureau

Sci - Engineering
Feb 1957 CTS/dex

43, 611

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

The Use of Canonical Expansions of Random Functions in Determining an Optimum Linear System, by V. S. Pugachev, 12 pp.

RUSSIAN, no per, Avtomat i Telemekh, Vol XVII, No 6, Jun 1956, pp 489-499.

Consultants Bureau

Sci - Physics
Sep 57

52,857

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Possible General Solution of the Problem of Determining an Optimum Dynamic System, by V. S. Pugachev, 5 pp.

RUSSIAN, no per, Avtomat i Telemekh, Vol XVII, No 7, Jul 1957, pp 585-589.

Consultants Bureau

Sci - Physics
Nov 57

55,047

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

The Equation for Determining the Distribution Law for the Integral of a System of Ordinary Differential Equations Containing Random Parameters, by B. G. Dostupov, V. S. Pugachev, 13 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XVIII, No 7, 1957, pp 620-630.

Instru Sc of Amer

Sci

108,563

Feb 60

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

The Determination of an Optimal System by Some Arbitrary Criterion, by V. S. Pugachev, 28 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XIX, No 6, 1958, pp 519-539.

Instru Soc of Amer

Sci

Apr 60

111, 778

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Pugachev, V. S.
THE GENERAL THEORY OF RANDOM FUNCTIONS AND ITS APPLICATION TO AUTOMATIC CONTROL. (Obshchaiya Teoriya Sluchainykh Funktsii i Ee Primenenie v Teorii Avtomaticheskofo Regulirovaniya). [1961] [53]p. (foreign text included) 17 refs. [DSIR NLL] M. 3084.
Order from OTS or SLA $5. 60 61-27556

Trans. of mono. Trudy [Vtorogo] Vsesoyuznogo Soveshchaniya po Teorii Avtomaticheskogo Regulirovaniya [All-Union Conference on the Theory of Automatic Control (no. 2). Proceedings, Moscow/Leningrad] 1955, p. 403-424.

DESCRIPTORS: Automatic, *Control systems, Statistical processes, *Statistical functions, Theory, Automation.
(Engineering--Electronic, TT, v. 7, no. 5)

61-27556

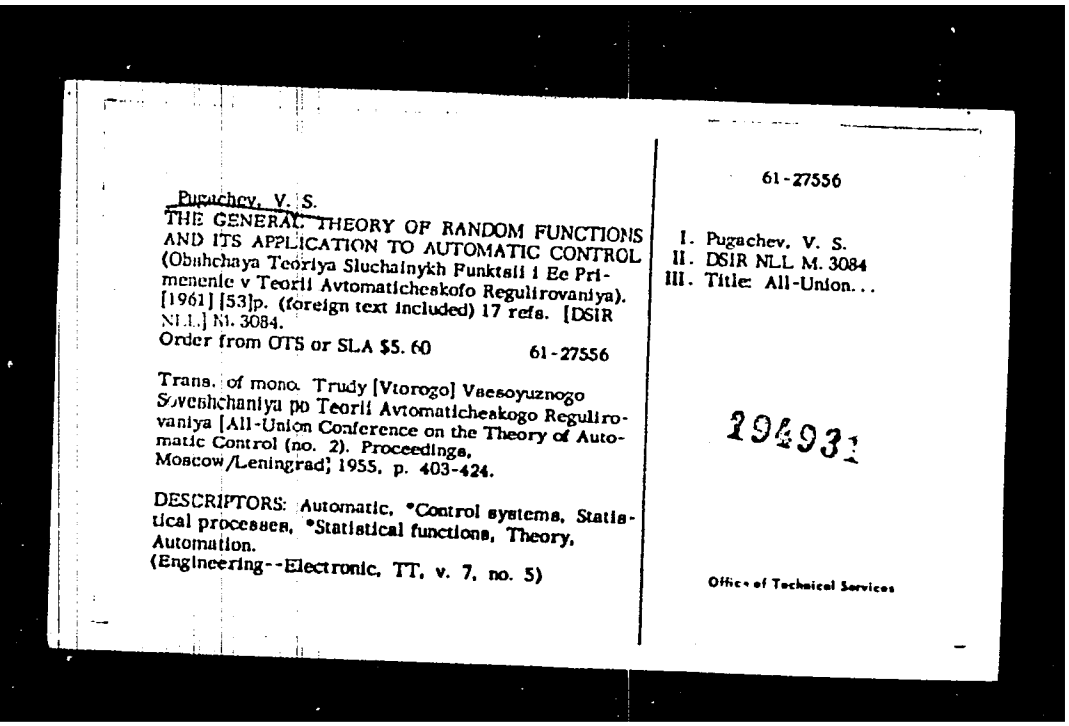
I. Pugachev, V. S.
II. DSIR NLL M. 3084
III. Title: All-Union...

19493

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Pugachev, V. S.
THE GENERAL THEORY OF RANDOM FUNCTIONS AND ITS APPLICATION TO AUTOMATIC CONTROL (Obshchaya Teoriya Sluchaynykh Funktsii i Ee Primenenie v Teorii Avtomaticheskofo Regulirovaniya). [1961] [53]p. (foreign text included) 17 refs. [DSIR NLL] M. 3084.
Order from OTS or SLA $5.60 61-27556

Trans. of mono. Trudy [Vtorogo] Vsesoyuznogo Soveshchaniya po Teorii Avtomaticheskogo Regulirovaniya [All-Union Conference on the Theory of Automatic Control (no. 2). Proceedings, Moscow/Leningrad] 1955. p. 403-424.

DESCRIPTORS: Automatic, *Control systems, Statistical processes, *Statistical functions, Theory, Automation.
(Engineering--Electronic, TT, v. 7, no. 5)

61-27556

I. Pugachev, V. S.
II. DSIR NLL M. 3084
III. Title: All-Union...

19493

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

A Method for Solving the Basic Integral Equation in the Statistical Theory of Optimal Systems in Finite Form, by V. S. Pugachev.

RUSSIAN, Prik Prikladnaya Matem Mekhan, Vol XXIII, No 1, Jan-Feb 1959, pp 3-14.

Internatl Physical Index
Automation Express
Vol I, No 8/10

Sci

Aug 59

93, 857

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

A Method for the Determination of the Eigenvalues and Eigenfunctions of a Certain Class of Linear Integral Equations, by, V. S. Pugachev, 9 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXIII, No 3, 1959, pp 527-533.

Pergamon Press

Sci

Feb 60

10? 329

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Theory of Random Functions and Its Application to Problems of Automatic Control, by V. S. Pugachev, [illegible]

RUSSIAN, bk, Teoriya Sluchaynykh Funktsiy i Yeye Primeneniye k Zadacham Avtomaticheskogo Upravleniya, Moscow, 1957, 659 pp.

NRR

ATIC F-TS-9546/V
CIA 654470-V

Sci - Phys
Dec 59

654175 - c nb 908

103,925

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Theory of Random Functions and Its Application to Problems of Automatic Control, by V. A. Pugachev.

RUSSIAN, bk, Teoriya Sluchaynykh Funktsiy i Yeye Primeneniye k Zadacham Avtomaticheskogo Upravleniya, 2nd Ed., 1960, pp 593-825.

ATIC MCL-900/1

Sci - Engr

159,687

Jul 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

On the Transformation of the Entropy on a Parabola, by V. S. Pugachev, 5 pp.

RUSSIAN, per, Trudy, Third All-Union Math. Conference, Volumme I, Jun-Jul, 1956, p 125-127.

SLA R-1588

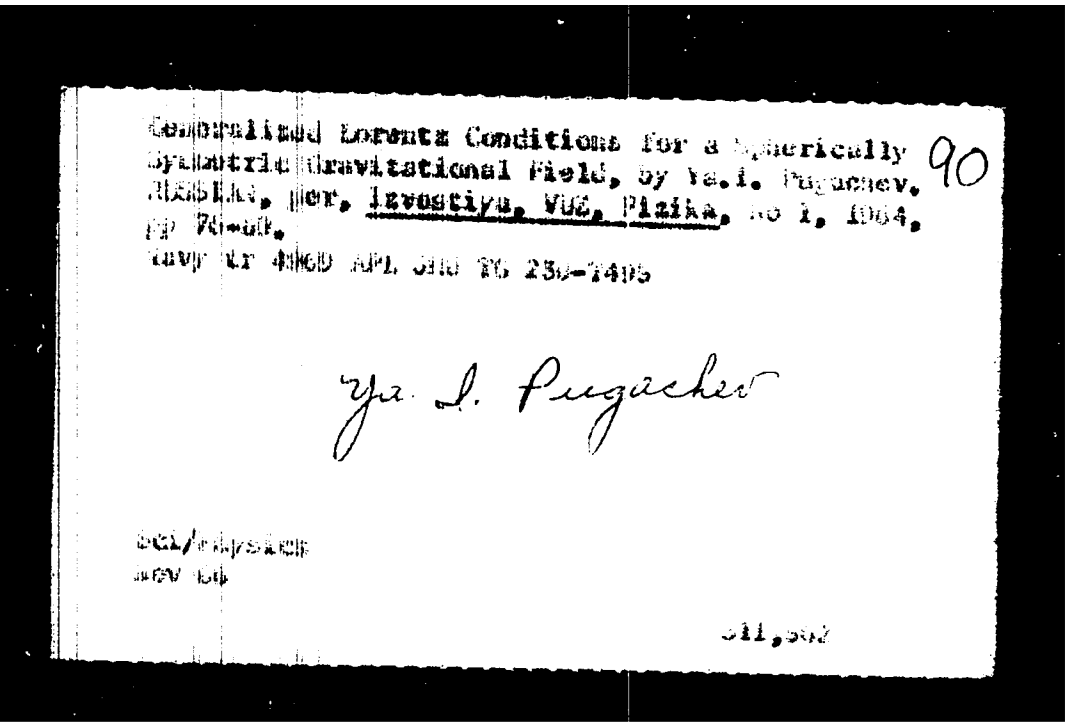
Sc1

Jul 58

68,713

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Conformal Lorentz Conditions for a Spherically 90
Symmetric Gravitational Field, by Ya.I. Pugachev.
Russian, per. Izvestiya, Vuz. Fizika, no 1, 1964,
pp 74-81.
Govt Rpt AMCD AFL 3110 TS 23U-7405

Ya. I. Pugachev

DCL/Physics
Nov 66

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Pugachev, Ya. I.
CONFORMAL MAPPING IN THE GENERAL THEORY OF RELATIVITY AND CERTAIN QUESTIONS OF COSMOLOGY. [1960] 10p. 11 refs.
Order from MDF $6.00 MDF P-162

Trans. of Izvestiya V[ysshikh] U[chebnykh] Z[avedeniy]. Fizika (USSR) 1960, no. 1. p. 46-53.

(Physics--Theoretical, TT, v. 5, no. 7)

61-12585

1. Conformal mapping--Theory
2. Quantum mechanics
I. Pugachev, Ya. I.
II. MDF P-162
III. Friedman, Morris D., Inc., West Newton, Mass.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Surface Tensions of Alkali Metals Amalgams at Limiting Dilutions, by P. Pugachevich, O. A. Timofeevicheva, 7 pp.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol CIV, No. 1, 1955, pp 98-100.

SLA R-1129

Sci - Chemistry
Mar 58

60,002

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Temperature-Dependence of the Surface Tension of Copper, by P. P. Pugachevich, V. I. Yashkichev, 4 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1959, pp 806-810.

CB

Sci -
May 61

153, 245

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

The Temperature Dependence of the Surface Tension of Germanium, by V. B. Lazarev, P. P. Pugachevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 1, 1960, pp 132-133.

CB

Sci

May 61

152, 984

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Work With Alkali Metals, by P. P. Pugachevich, 6ypp.

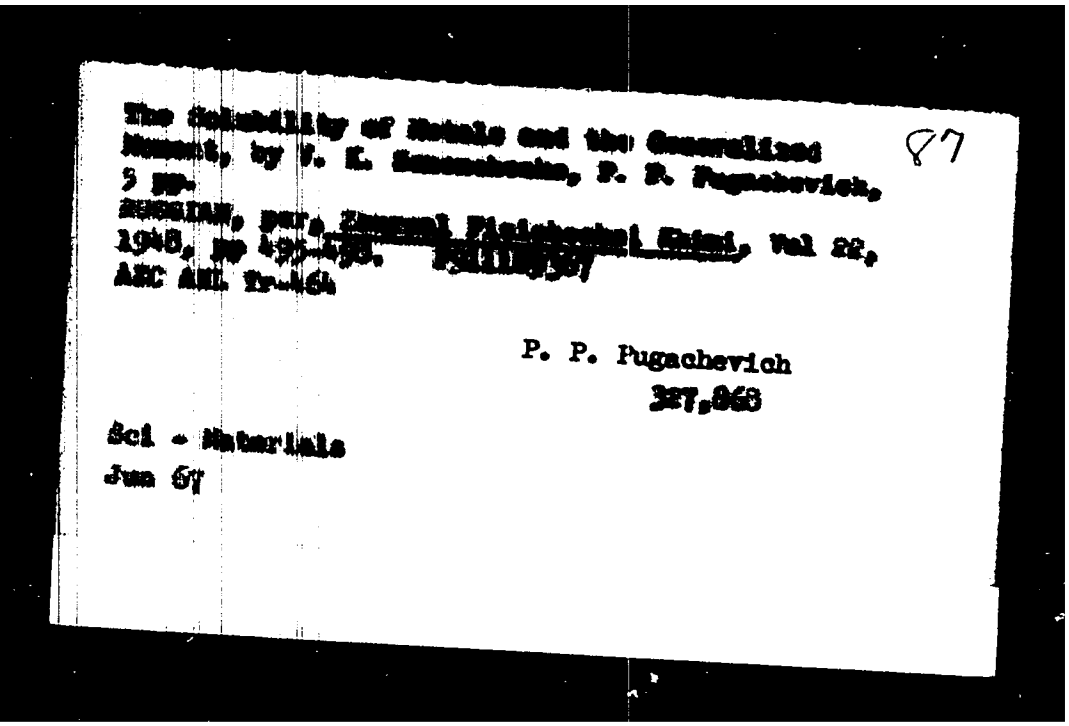
RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, 1957, pp 2140-2142.

Australian AEC/E-27

Oct 59

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



The Solubility of Metals and the Generalized
Numbers, by P. K. [illegible], P. P. Pugachevich,
3 pp.
ZHURNAL, Fiz. Zhurnal Fizicheskoi Khimi, Vol 22,
1948, pp 479-[illegible].
AEC ATI Tr-464

87

P. P. Pugachevich
327,868

Sci - Materials
Jun 67

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Experimental Study of the Surface Tension of Metallic Solutions. I. Temperature Dependence of the Surface Tension of Mercury and of Sodium- and Potassium Amalgams, by P. P. Pugachevich, 22 pp.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXV, No 11, 1951, pp 1365-1373.

Sci Tr Center
RT-2181

25,223

Scientific - Chemistry
CTS 70/Jul 55

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

The Surface Tensions of Ternary Hg-Cd-K Metallic Solutions at 22° C., by P.P. Pugachevich, V. B. Lazarev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 2, 1957, pp. 127-129

Consultants Bureau

Sci - Chem

Jun 58

65, 719

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Surface Phenomena in the Ternary Metallic Solutions Hg-Cd-K and Hg-Cd -Cs at 22°. by
P. P. Pugachevich and V. B. Lazarev, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 3, 1957, pp 445-447.

Consultants Bureau

Sci - Chem

Oct 58

74,706

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Experimental investigation of the Surface Tension of sodium Amalgam, by P. P. Pugachevich, O. A. Timofeyevicheva,

RT-4109

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIV, No 2, 1954, pp 285-287.

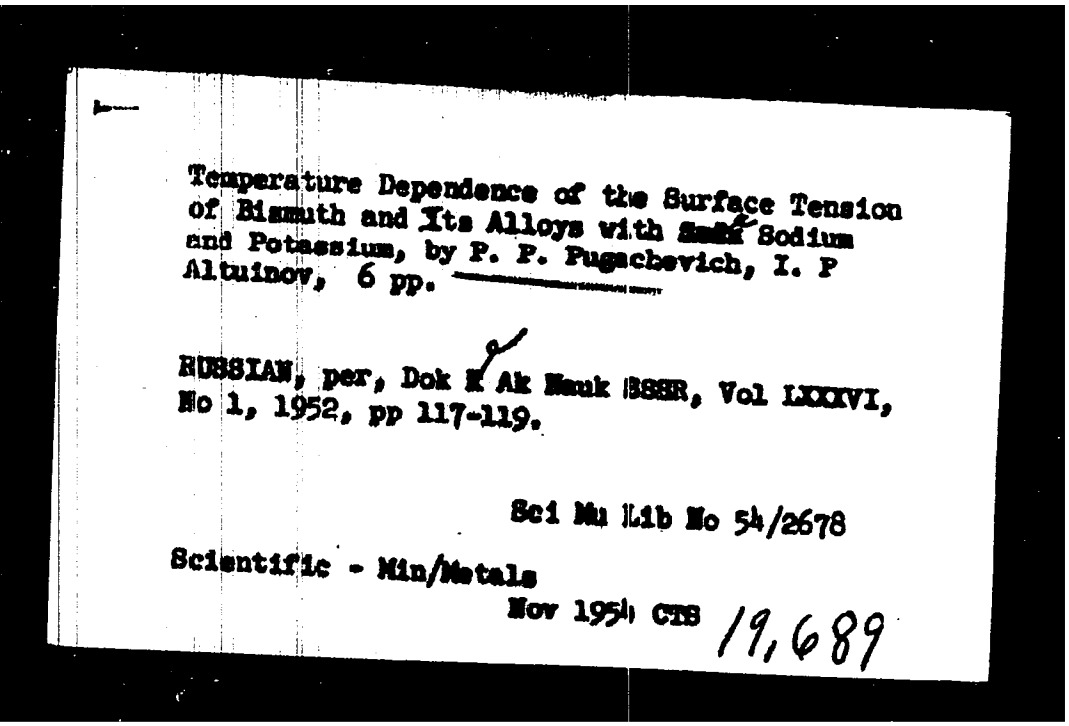
20,034

[16s.0d.(2s.0d.)]
Coop Tr Sch No 95

Scientific - Chemistry Dec 1954 CIS

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Temperature Dependence of the Surface Tension of Bismuth and Its Alloys with Small Sodium and Potassium, by P. P. Pugachevich, I. P Altuinov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVI, No 1, 1952, pp 117-119.

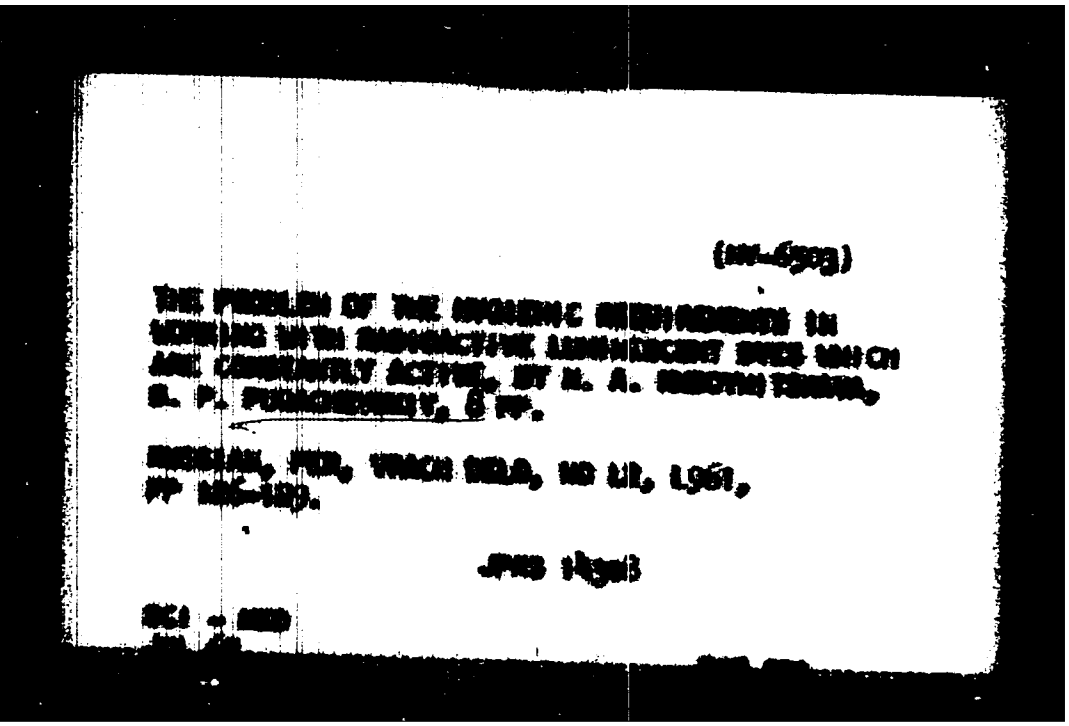
Sci Mu Lib No 54/2678

Scientific - Min/Metals

Nov 1954 CIS 19,689

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Increasing the Protein Content of Corn Through Selection, by A. E. Kovarskiy, B.P. Pugalov.
RUSSIAN, per, Vest. Sel'skokh Nauki, No 10, 1961, pp 18-27.
922040

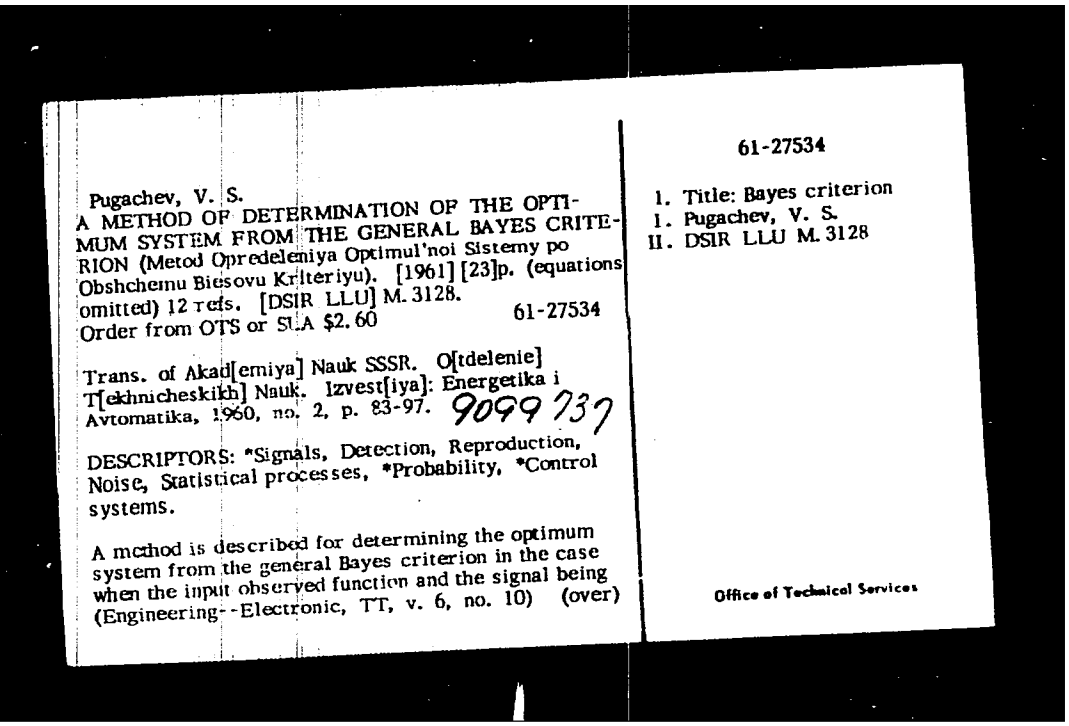
USDA Tr A-1423

Sci - Agri
Mar 64

251,291

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Pugachev, V. S.
A METHOD OF DETERMINATION OF THE OPTIMUM SYSTEM FROM THE GENERAL BAYES CRITERION (Metod Opredeleniya Optimul'noi Sistemy po Obshchemu Biesovu Kriteriyu). [1961] [23]p. (equations omitted) 12 refs. [DSIR LLU] M. 3128.
Order from OTS or SLA $2.60 61-27534

Trans. of Akad[emiya] Nauk SSSR. O[tdelenie] T[ekhnicheskikh] Nauk. Izvest[iya]: Energetika i Avtomatika, 1960, no. 2, p. 83-97. 9099 737

DESCRIPTORS: *Signals, Detection, Reproduction, Noise, Statistical processes, *Probability, *Control systems.

A method is described for determining the optimum system from the general Bayes criterion in the case when the input observed function and the signal being (Engineering--Electronic, TT, v. 6, no. 10) (over)

61-27534

1. Title: Bayes criterion
I. Pugachev, V. S.
II. DSIR LLU M. 3128

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

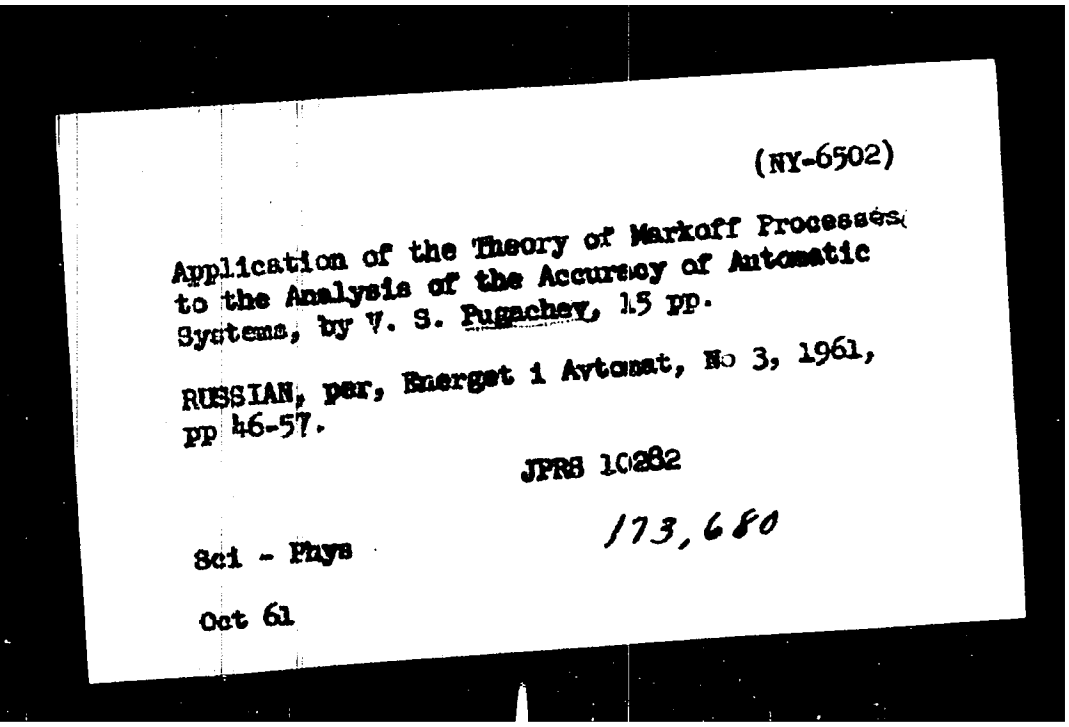
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

detected or reproduced depend on a finite-dimensional random vector U while the noise is additive, has a normal distribution, and is independent of the vector U. In some cases this method can be used when the vector U has an infinite (countable) number of components. The method for the case of linear dependence of the input function on the vector $U^{(1)}$ is a special case developed by the author earlier. The method can also be applied to problems in which the input function can be reduced by means of a nonlinear transformation independent of the vector U to a sum of a certain function of vector U and the normally distributed noise independent of this vector.

PB- 61-27534

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



(NY-6502)

Application of the Theory of Markoff Processes to the Analysis of the Accuracy of Automatic Systems, by V. S. Pugachev, 15 pp.

RUSSIAN, per, Energet i Avtomat, No 3, 1961, pp 46-57.

JPRS 10282

173,680

Sci - Phys

Oct 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Integral Canonical Representation of Random Functions and Their Application in Deriving Optimal Linear Systems, by V. S. Pugachev, 15 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XVIII, No 11, 1957, pp 971-984.

Instru Soc of Amer

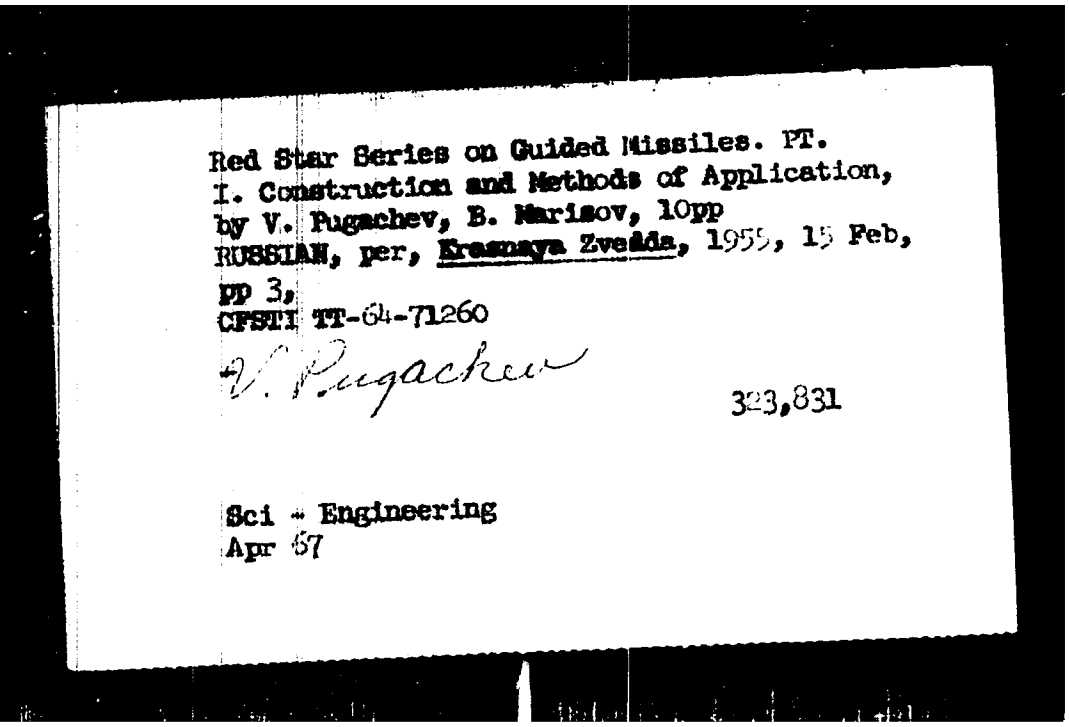
Sci

Feb 60

108,707

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Red Star Series on Guided Missiles. PT.
I. Construction and Methods of Application,
by V. Pugachev, B. Marisov, 10pp
RUSSIAN, per, Krasnaya Zvezda, 1955, 15 Feb,
pp 3,
CFSTI TT-64-71260

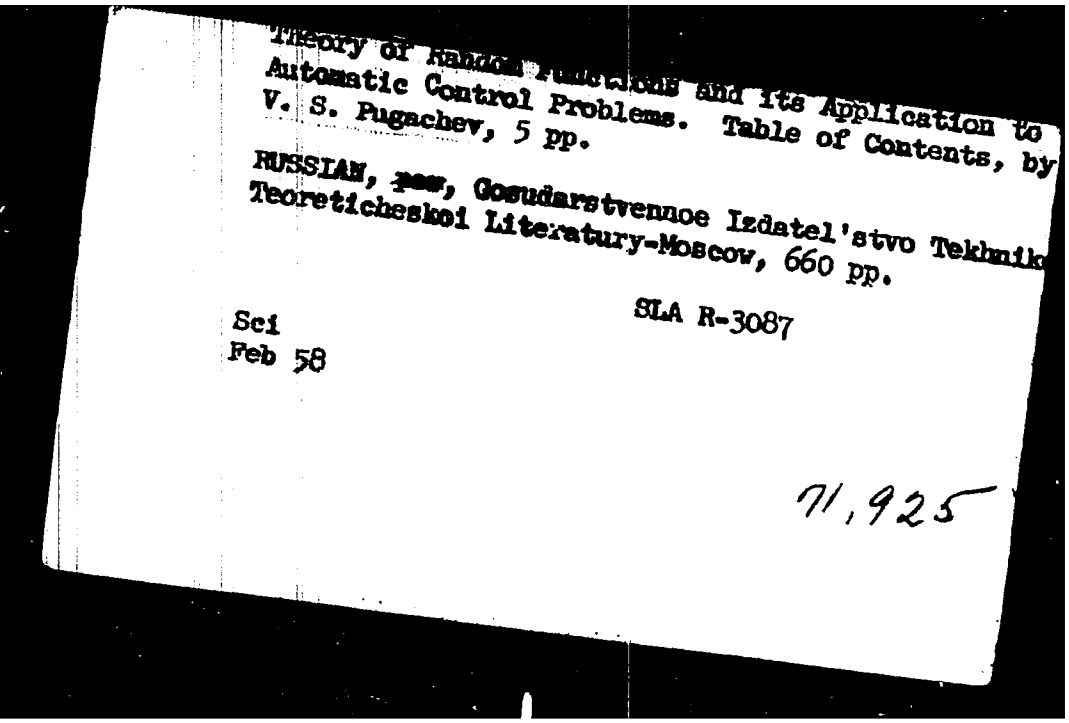
V. Pugachev

323,831

Sci - Engineering
Apr 57

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Theory of Random Functions and Its Application to Automatic Control Problems. Table of Contents, by V. S. Pugachev, 5 pp.

RUSSIAN, pub, Gosudarstvennoe Izdatel'stvo Tekhniko Teoreticheskoi Literatury-Moscow, 660 pp.

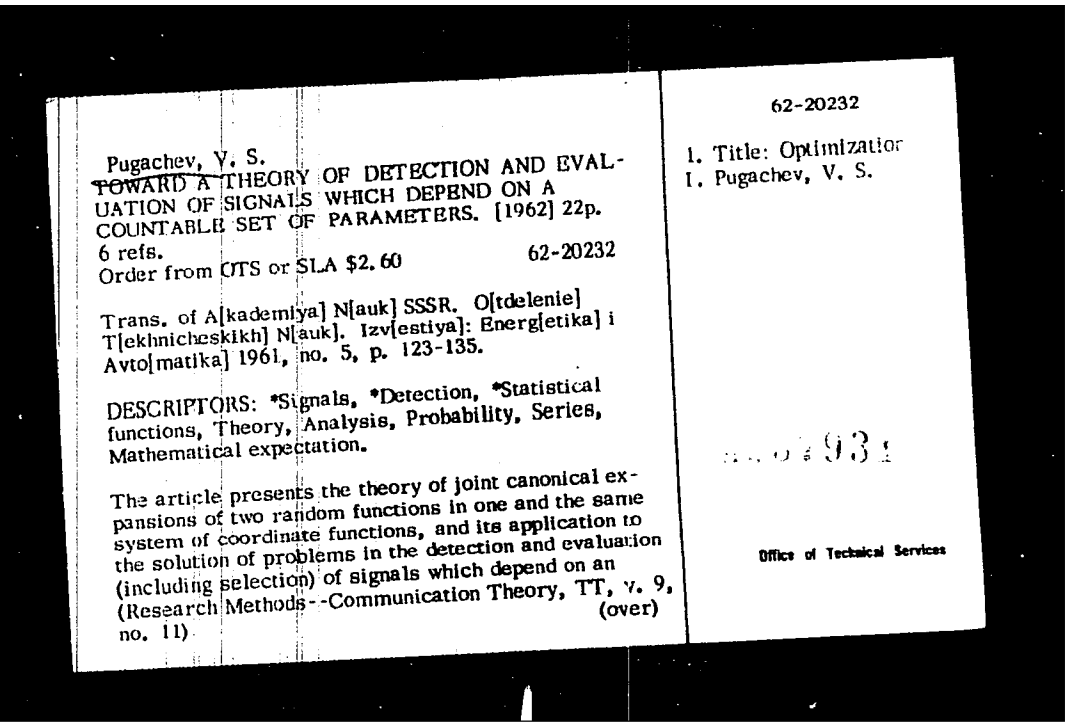
SLA R-3087

Sci
Feb 58

71,925

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Pugachev, V. S.
TOWARD A THEORY OF DETECTION AND EVALUATION OF SIGNALS WHICH DEPEND ON A COUNTABLE SET OF PARAMETERS. [1962] 22p.
6 refs.
Order from OTS or SLA $2.60 62-20232

Trans. of A[kademiya] N[auk] SSSR. O[tdelenie] T[ekhnicheskikh] N[auk]. Izv[estiya]: Energ[etika] i Avto[matika] 1961, no. 5, p. 123-135.

DESCRIPTORS: *Signals, *Detection, *Statistical functions, Theory, Analysis, Probability, Series, Mathematical expectation.

The article presents the theory of joint canonical expansions of two random functions in one and the same system of coordinate functions, and its application to the solution of problems in the detection and evaluation (including selection) of signals which depend on an
(Research Methods--Communication Theory, TT, v. 9, no. 11) (over)

62-20232

1. Title: Optimization
I. Pugachev, V. S.

[illegible]9.3:

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

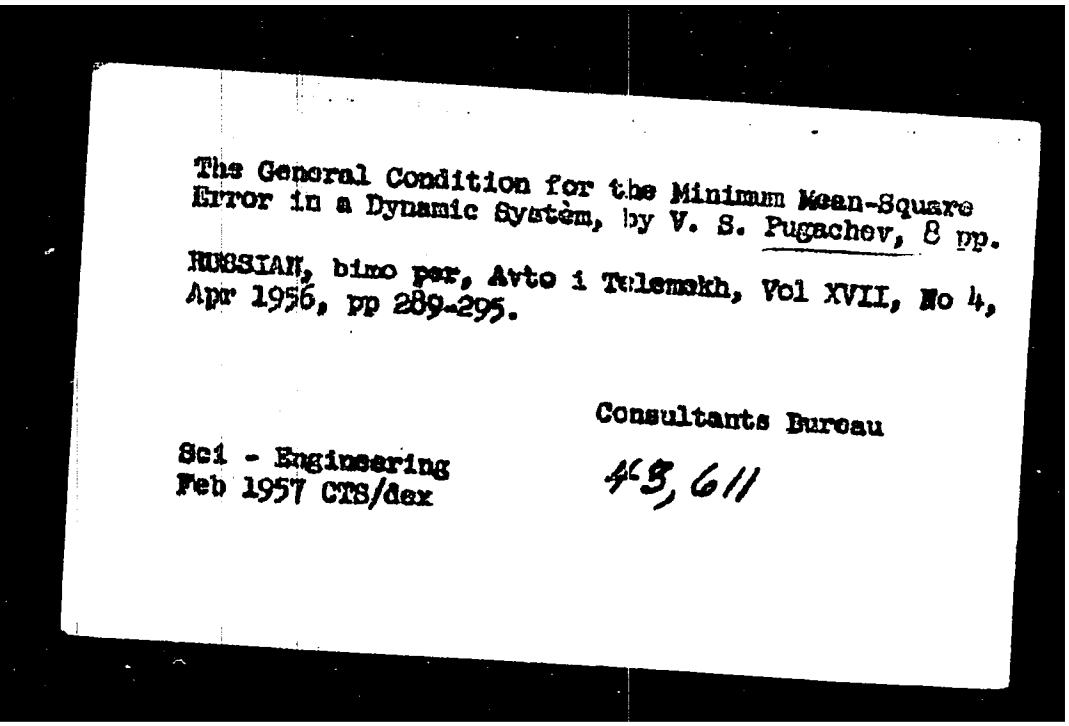
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

infinite (countable) set of parameters. This theory gives a general algorithm for optimal processing of input functions of systems designed for signal evaluation on the basis of any Bayes criterion corresponding to a polynomical less function, and also of signal detection systems. (Author)

PB-

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



The General Condition for the Minimum Mean-Square Error in a Dynamic System, by V. S. Pugachev, 8 pp.

RUSSIAN, bimo per, Avto i Telemekh, Vol XVII, No 4, Apr 1956, pp 289-295.

Consultants Bureau

Sci - Engineering
Feb 1957 CTS/dex

43, 611

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

The Use of Canonical Expansions of Random Functions in Determining an Optimum Linear System, by V. S. Pugachev, 12 pp.

RUSSIAN, no per, Avtomat i Telemekh, Vol XVII, No 6, Jun 1956, pp 489-499.

Consultants Bureau

Sci - Physics
Sep 57

52,857

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Possible General Solution of the Problem of Determining an Optimum Dynamic System, by V. S. Pugachev, 5 pp.

RUSSIAN, no per, Avtomat i Telemekh, Vol XVII, No 7, Jul 1957, pp 585-589.

Consultants Bureau

Sci - Physics
Nov 57

55,047

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

The Equation for Determining the Distribution Law for the Integral of a System of Ordinary Differential Equations Containing Random Parameters, by B. G. Doetupov, V. S. Pugachev, 13 p.

RUSSIAN, Per, Avtomat i Telemekh, Vol XVIII, No 7, 1957, pp 620-630.

Instru Soc of Amer

Sci

Feb 60

108,563

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

The Determination of an Optimal System by Some Arbitrary Criterion, by V. S. Pugachev, 20 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XIX, No 6, 1958, pp 519-539.

Instru Soc of Amer

Sci

Apr 60

111, 778

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Pugachev, V. S.
THE GENERAL THEORY OF RANDOM FUNCTIONS AND ITS APPLICATION TO AUTOMATIC CONTROL (Obshchaya Teoriya Sluchaynykh Funktsii i Ee Primenenie v Teorii Avtomaticheskofo Regulirovaniya). [1961] [53]p. (foreign text included) 17 refs. [DSIR NLL] M. 3084.
Order from OTS or SLA $5.60 61-27556

Trans. of mono. Trudy [Vtorogo] Vsesoyuznogo Soveshchaniya po Teorii Avtomaticheskogo Regulirovaniya [All-Union Conference on the Theory of Automatic Control (no. 2). Proceedings, Moscow/Leningrad] 1955, p. 403-424.

DESCRIPTORS: Automatic, *Control systems, Statistical processes, *Statistical functions, Theory, Automation.
(Engineering--Electronic, TT, v. 7, no. 5)

61-27556

I. Pugachev, V. S.
II. DSIR NLL M. 3084
III. Title: All-Union...

19493

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Pugachev, V. S.
THE GENERAL THEORY OF RANDOM FUNCTIONS AND ITS APPLICATION TO AUTOMATIC CONTROL (Obshchaya Teoriya Sluchaynykh Funktsii i Ee Primenenie v Teorii Avtomaticheskofo Regulirovaniya). [1961] [53]p. (foreign text included) 17 refs. [DSIR NLL] M. 3084.
Order from OTS or SLA $5.60 61-27556

Trans. of mono. Trudy [Vtorogo] Vsesoyuznogo Soveshchaniya po Teorii Avtomaticheskogo Regulirovaniya [All-Union Conference on the Theory of Automatic Control (no. 2). Proceedings, Moscow/Leningrad] 1955, p. 403-424.

DESCRIPTORS: Automatic, *Control systems, Statistical processes, *Statistical functions, Theory, Automation.
(Engineering--Electronic, TT, v. 7, no. 5)

61-27556

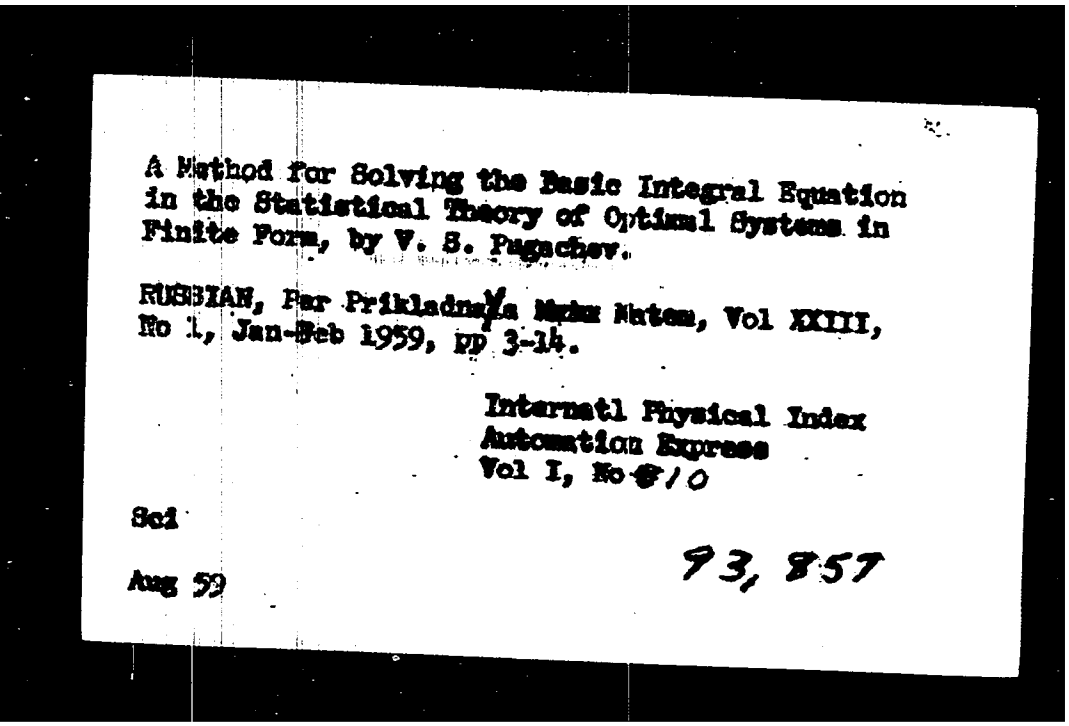
I. Pugachev, V. S.
II. DSIR NLL M. 3084
III. Title: All-Union...

19493

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



A Method for Solving the Basic Integral Equation in the Statistical Theory of Optimal Systems in Finite Form, by V. S. Pugachev.

RUSSIAN, Per Prikladnaya Matem Matem, Vol XXIII, No 1, Jan-Feb 1959, pp 3-14.

Internatl Physical Index
Automation Express
Vol I, No 8/10

Sci

Aug 59

93, 857

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

A Method for the Determination of the Eigenvalues and Eigenfunctions of a Certain Class of Linear Integral Equations, by, V. S. Pugachev, 9 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXIII, No 3, 1959, pp 527-533.

Pergamon Press

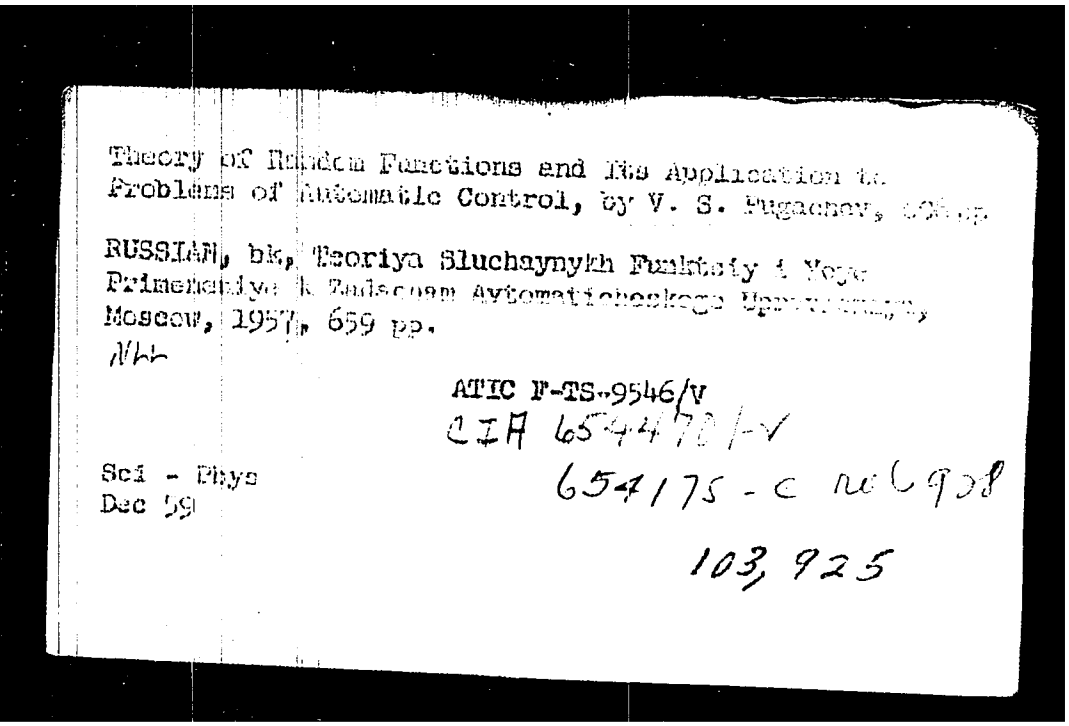
Sci

Feb 60

107/329

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Theory of Random Functions and Its Application to Problems of Automatic Control, by V. S. Pugachev, 659 pp.

RUSSIAN, bk, Teoriya Sluchaynykh Funktsiy i Yeye Primeneniye k Zadacham Avtomaticheskogo Upravleniya, Moscow, 1957, 659 pp.

NAA

ATIC F-TS-9546/V
CIA 654470/-V
654175-c nc 6908
103,925

Sci - Phys
Dec 59

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Theory of Random Functions and Its Application to Problems of Automatic Control, by V. A. Pugachev.

RUSSIAN, bk, Teoriya Sluchaynykh Funktsiy i Yeye Primeneniye k Zadacham Avtomaticheskogo Upravleniya, 2nd Ed., 1960, pp 593-825.

ATIC MCL-900/1

Sci - Engr

Jul 61

157,687

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

On the Transformation of the Entropy on a Banach,
by V. S. Pugachev, 5 pp.

RUSSIAN, per, Trudy, Third All-Union Math.
Conference, Volumme I, Jun-Jul, 1956, p 125-127.

SLA R-1588

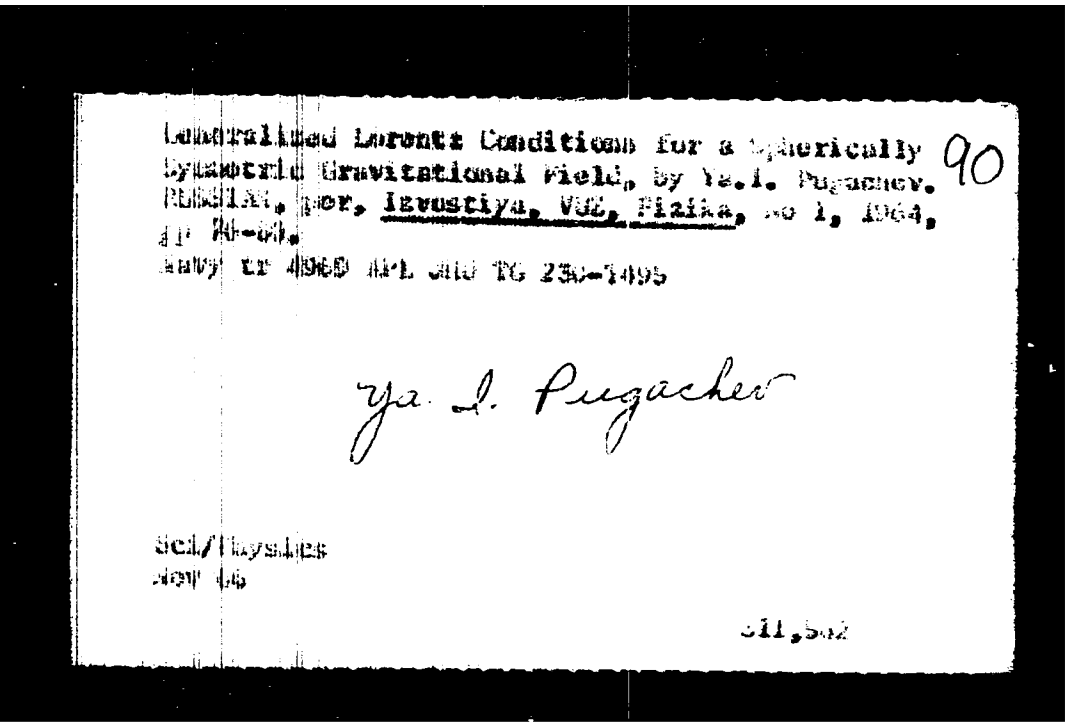
Sci

Jul 58

68,713

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Generalized Lorentz Condition for a Spherically Symmetric Gravitational Field, by Ya.I. Pugachev. Publication, Izvestiya, VUZ, Fizika, No 1, 1964, pp 94-98.

90

[illegible] 25X1-HUM

Ya. I. Pugachev

Sci/Physics
Nov 64

[illegible]

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Pugachev, Ya. I.
CONFORMAL MAPPING IN THE GENERAL THEORY OF RELATIVITY AND CERTAIN QUESTIONS OF COSMOLOGY. [1960] 10p. 11 refs.
Order from MDF $6.00 MDF P-162

Trans. of Izvestiya V[yesshikh] U[chebnykh] Z[avedeniy]. Fizika (USSR) 1960, no. 1, p. 46-53.

(Physics--Theoretical, TT, v. 5, no. 7)

61-12585

1. Conformal mapping--Theory
2. Quantum mechanics
I. Pugachev, Ya. I.
II. MDF P-162
III. Friedman, Morris D., Inc., West Newton, Mass.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Surface Tensions of Alkali Metals Amalgams at Limiting Dilutions, by P. Pugachevich, O. A. Timofeevicheva, 7 pp.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol CIV, No. 1, 1955, pp 98-100.

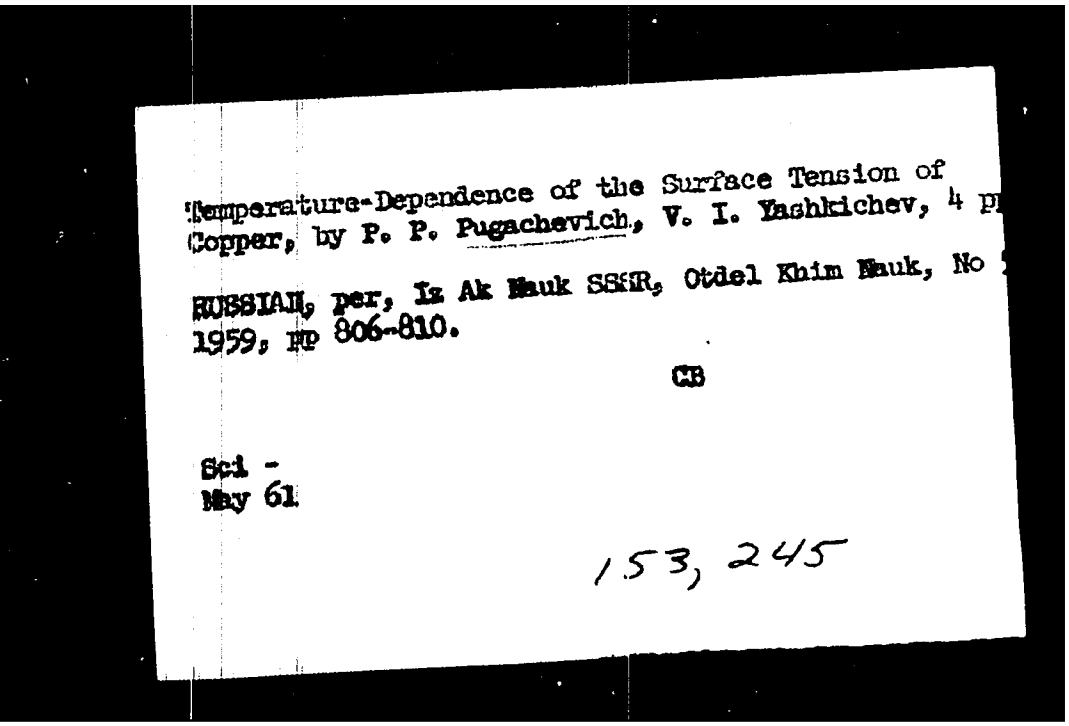
SLA R-1129

Sci - Chemistry
Mar 58

60,002

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Temperature-Dependence of the Surface Tension of
Copper, by P. P. Pugachevich, V. I. Yashkichev, 4 p

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No
1959, pp 806-810.

CB

Sci -
May 61

153, 245

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

The Temperature Dependence of the Surface Tension of Germanium, by V. B. Lazarev, P. P. Pugachevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 1, 1960, pp 132-133.

CB

Sci

May 61

152, 984

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Work With Alkali Metals, by P. P. Pugachevich, 6ypp.

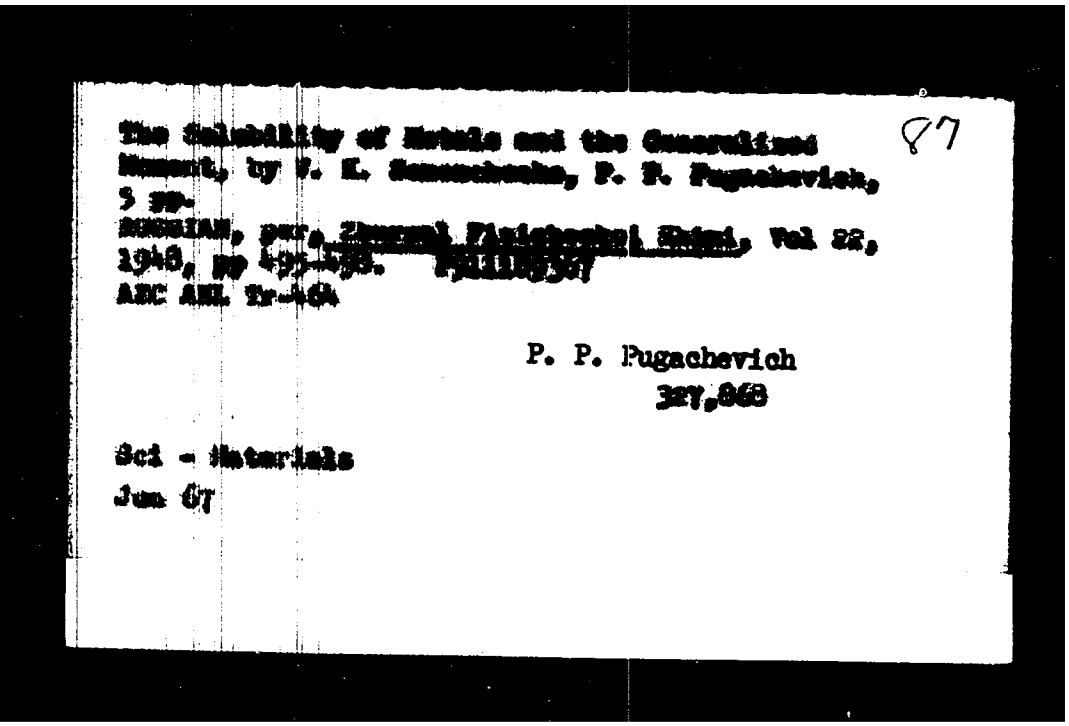
RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, 1957, pp 2140-2142.

Australian AEC/E-27

Oct 59

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



97

The Solubility of Metals and the Concentration Element, by P. K. Semenchenko, P. P. Pugachevich, 5 pp.
RUSSIAN, pub. Zhurnal Fizicheskoi Khimii, Vol 22, 1948, pp 49-53.
AEC ARL Tr-468

P. P. Pugachevich
327,868

Sci - Materials
Jun 67

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Experimental Study of the Surface Tension of Metallic Solutions. I. Temperature Dependence of the Surface Tension of Mercury and of Sodium- and Potassium Amalgams, by P. P. Pugachevich, 22 pp.

RUSSIAN, mo per, Zhur Fiz Khim, Vol XXV, No 11, 1951, pp 1365-1373.

Sci Tr Center
RT-2181

Scientific - Chemistry
CTS 70/Jul 55

25,223

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Surface Phenomena in the Ternary Metallic Solutions Hg-Cd-K and Hg-Cd -Cs at 22°. by P. P. Pugachevich and V. B. Lazarev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 3, 1957, pp 445-447.

Consultants Bureau

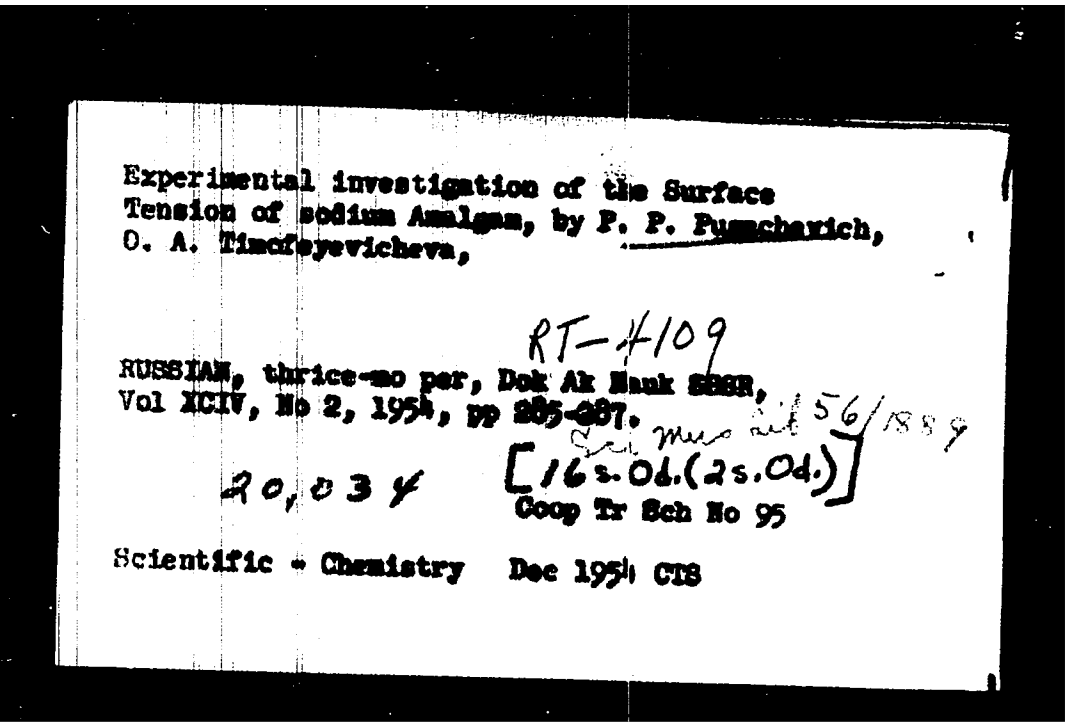
Sci - Chem

Oct 58

74,706

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Experimental investigation of the Surface Tension of sodium Amalgam, by P. P. Pymcharich, O. A. Timofeyevicheva,

RT-4109

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIV, No 2, 1954, pp 285-287.

Sci mus Lit 56/1889

20,034

[16s.0d.(2s.0d.)]
Coop Tr Sch No 95

Scientific - Chemistry Dec 1954 CIS

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Temperature Dependence of the Surface Tension of Bismuth and Its Alloys with Sodium and Potassium, by P. P. Pugachevich, I. P Altuinov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVI, No 1, 1952, pp 117-119.

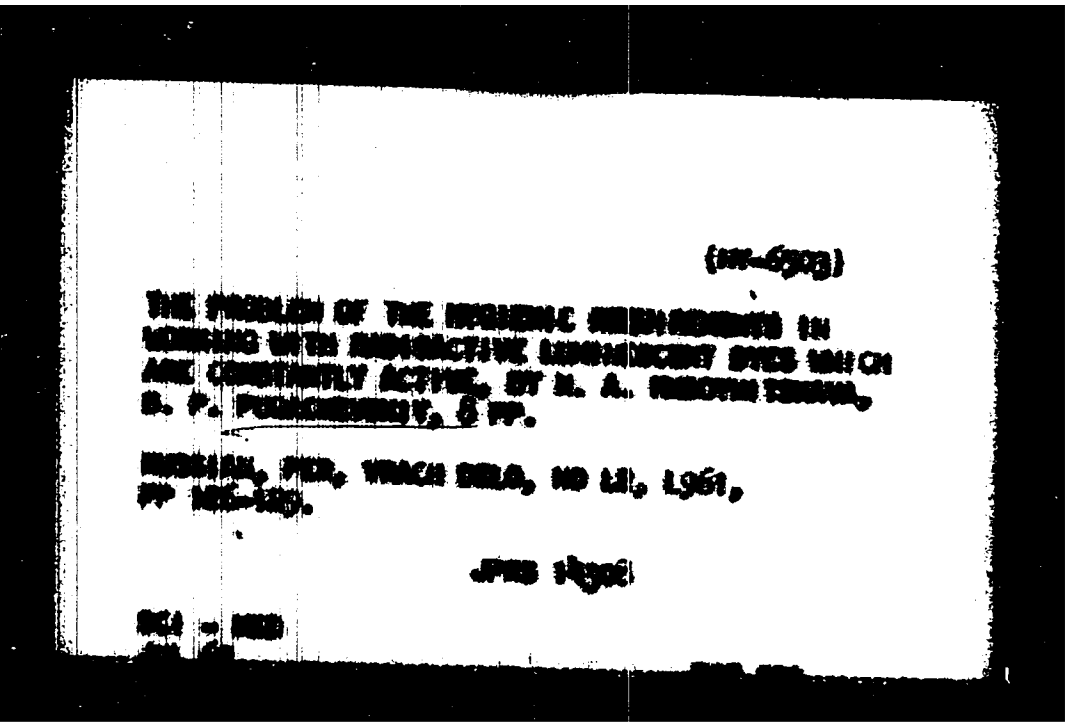
Sci Mu Lib No 54/2678

Scientific - Min/Metals

Nov 1954 CTS 19,689

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



(NP-6903)

THE PROBLEM OF THE HYGIENIC STANDARDIZATION IN WORKING WITH RADIOACTIVE LUMINESCENT DYES WHICH ARE CHEMICALLY ACTIVE, BY M. A. PERSONAL TERMINAL, S. P. PERSONNEL, 5 PP.

RADIATSIYA, GIG., VRACH DELA, NO 12, 1961, PP 105-107.

JPRS 14,902

DEA - NED

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Increasing the Protein Content of Corn Through Selection, by A. E. Kovarskiy, B.P. Pugalov. RUSSIAN, per. Vest. Sel'skokh Nauki, No 10, 1961, pp 18-27. 9220140

USDA Tr A-1423

Sci - Agri
Mar 64

251,291

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Shortcomings in the Elucidation of Soils in the Secondary School Course in Geography, by F. I. Pugach, 3 pp.

RUSSIAN, per, Pochvovedeniye, No 8, 1958, pp 140-143.

AIBS

Sci -
Jan 61

137,262

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Investigation of Heat Exchange Phenomena in Horizontal Tubes During Flow of a Steam-Liquid Mixture, by M. I. Kornyev, B. N. Puganov. UNCL

RUSSIAN, per, Teploenergetika, No 6, 1956, pp 39-44.

DSIR LLN RTS 1173

(15s. Od.)

Sci - Engr
Apr 60

113,033

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Personnel for Helicopters, by B. Puganovskiy, 3 pp.

Full Tr

RUSSIAN, per, Grazhdanskaya Aviatsiya, Vol XIV, No 4, Apr 1957, p 19.

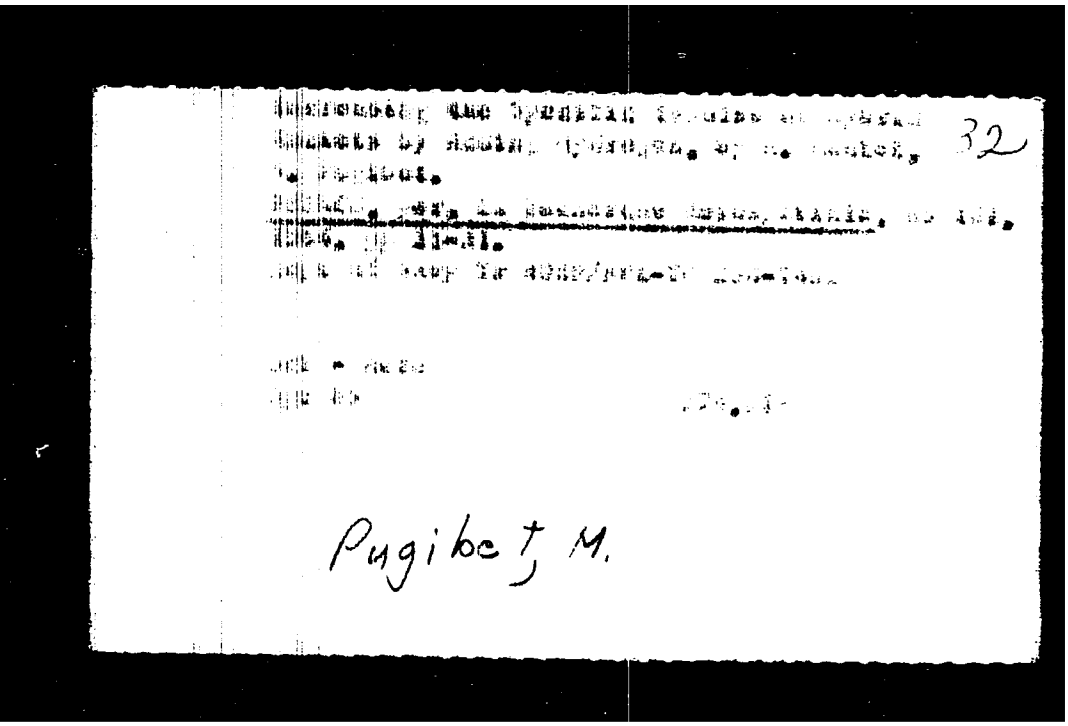
ATIC F-TS-9245/V

USSR - Econ
Sci - Aeronautics

53, 529

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Pugibet, M.

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

The Heating and Cooling of Titanium Alloy Rods During Flash Butt Welding, by A.I. Pugin, 7 pp.

RUSSIAN, per, Avtomat Svarka, No 11, Nov 1963, pp17-24.

British Welding Res. Assoc.

Sci

May 64

259,305

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

The Role of an Electrical Contact in the Process o
Forming a Welded Joint, by A.I. Pugin.

RUSSIAN, per, Elektricheskiye Kontakty, 1958.
9662357.

ATIC MCL 480/1

Sci - Electric
Jun 61

154,981

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

The Heating and Cooling of Rods Butt Welded by the Friction Process, by N. N. Rykalin, A. I. Fugin, V. A. Vasil'yeva, 11 pp.

RUSSIAN, per, Svaroch Proiz., No 10, 1959, pp 15-17.

British Welding Res Assoc

Sci

Aug 60

123,509

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Calculation of the Intermittent Heating of Rods by Current During Flash-Butt Welding, by N. N. Rykalin, A. I. Pugin, 11 pp.

RUSSIAN, per, Svaroch Proiz, No 4, 1959, pp 4-6.

British Welding Res Assoc

Sci
Aug 60

122, 216

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Influence of Surface Effect on the Heating of Steel Rods During Resistance Butt-Welding, by A. I. Pugin, 7 pp.

RUSSIAN, per, Svarochn Proiz, No 7, 1952, pp 45, 46

British Welding Res Assoc

Sci
Aug 60

122,192

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Temperature of Incipient Fusion of Sandstone-Shale Sequences as a Function of Pressure, by N. I. Khitarov, V. A. Pugin, 6 pp.

RUSSIAN, per, Geokhim, No 4, 1962.

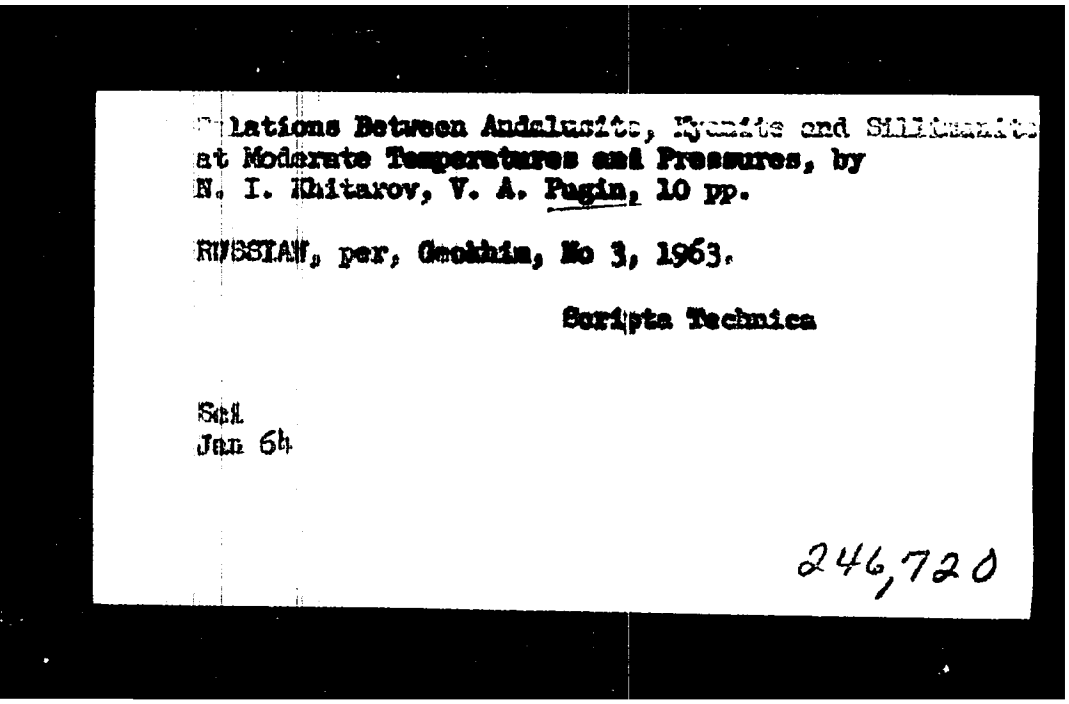
Geochem Soc

Sci
Jun 63

233,622

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



lations Between Andalusite, Kyanite and Sillimanite
at Moderate Temperatures and Pressures, by
N. I. Khitarov, V. A. Pugin, 10 pp.

RUSSIAN, per, Geokhim, No 3, 1963.

Scripta Technica

Sgl
Jan 64

246,720

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

85

Interaction Between the Metal and the Mold During the Casting of Titanium, by V. S. Fuyin, P. A. Faunekn.

[illegible], Inst, AN SSSR, Institute Metallurgiy.

Titan i Yego Splavy, 1961, 16 pp.

PB100253008-V

FTD-TT-24-357-67

Sci-Materials

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Sintered Materials and Articles. Porous
Sintered Materials From Stainless Steel,
by L. A. Andriyevskiy, V. S. Pugin, 17 pp.
RUSSIAN, rpt.
CIM/TSD RX-1745
NO FOREIGN DISSEM

Sci
Applied
USIM Internal Use Only

207,500

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

Electrical strain gauges for measuring large deformations, by V. A. Pugin, 3 pp.

RUSSIAN. par. Kauchuk i Rezina, Vol XVIII, No 1, 1960, pp 24-27.

Res Assoc British Rubber Manuf

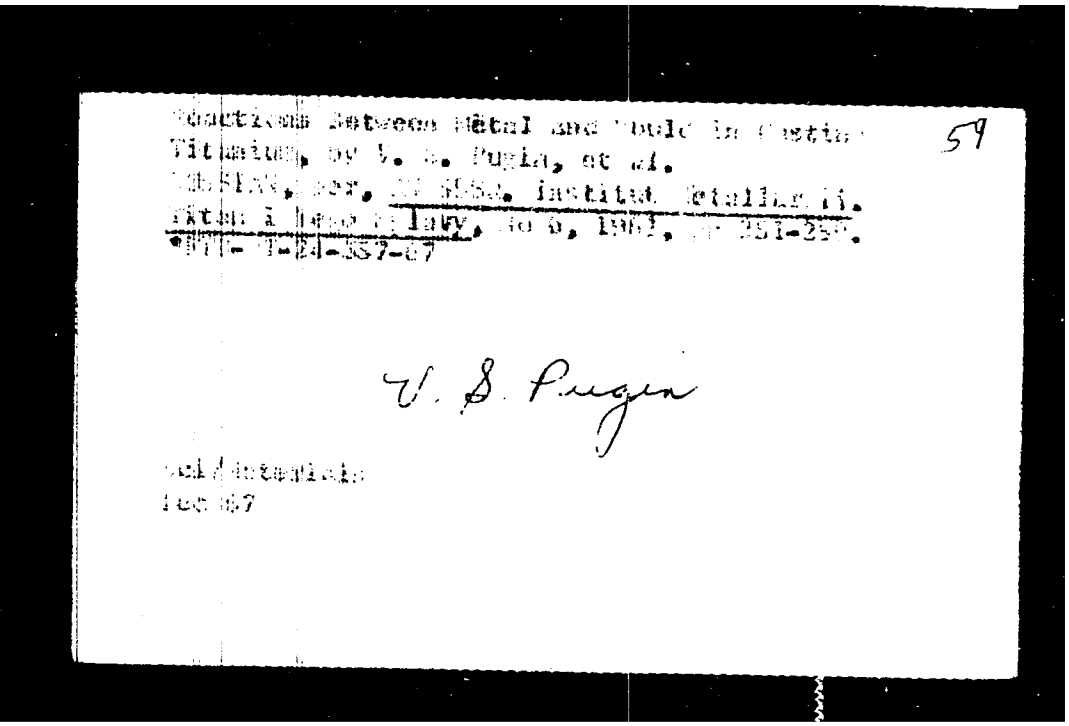
Sci

Aug 60

123,599

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4



Titanium, by V. S. Pugin, et al.
PT - T-24-357-67

59

V. S. Pugin

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201330032-4